

# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 30] नई दिल्ली, शनिवार, जुलाई 22, 2000 (आषाढ़ 31, 1922)  
No. 30] NEW DELHI, SATURDAY, JULY 22, 2000 (ASADHA 31, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 22nd July 2000

ADDRESS AND JURISDICTION OF THE OFFICES OF  
THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,  
Todi Estates, IIIrd Floor,  
Lower Parel (West), Mumbai-400 013.

The States of Gujarat,  
Maharashtra, Madhya Pradesh and  
Goa and the Union  
Territories of Daman and  
Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Phone No. 482 5092  
Fax No. 022 495 0622

Patent Office Branch,  
Unit No. 401 to 405, IIIrd Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
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Himachal Pradesh, Jammu and  
Kashmir, Punjab, Rajasthan,  
Uttar Pradesh and Delhi and  
the Union Territory of  
Chandigarh.

Telegraphic address "PATENTOFIC"

Phone No. 578 2532  
Fax No. 011 576 6204

Patent Office Branch,  
Wing 'C' (C-4, A),  
IIIrd Floor, Rajaji Bhavan, Besant Nagar,  
Chennai-600 090.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy  
and Aminidivi Islands.

Telegraphic address "PATENTOFIS"

Phone No. 490 1495  
Fax No. 044 490 1492.

Patent Office (Head Office),  
"NIZAM PALACE", 2nd M.S.O.  
Building, 5th, 6th and 7th  
Floors, 234/4, Acharya Jagadish  
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

Phone No. 247 4401  
Fax No. 033 247 3851

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

## पेटेंट कार्यालय

## एक्सव तथा अभिकल्प

कलकत्ता, दिनांक 22 जुलाई 2000

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके पारंपरिक क्षेत्राधिकार जॉन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,  
तीसरा तल, लॉजर परले (प.),  
मुम्बई-400013।

गुजरात, महाराष्ट्र, मध्य प्रदेश  
तथा गोआ राज्य क्षेत्र एवं मंच  
शासित क्षेत्र, दसन तथा दोव एवं  
दादर और नगर हवेली।

तार पता - "पेटेंटिफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110 005।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटिफिक"

फोन : 578 2532 फैक्स : 011 576 6204

## पेटेंट कार्यालय शाखा,

विंग "सी" (सी-4, ए),

तीसरा तल, राजाजी भवन,

बंगलूर नगर, चेन्नई-600090।

अ. प्रवेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय  
तथा एमिगिदिब द्वीप।

तार पता - "पेटेंटिफिस"

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कलकत्ता-700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंटिस"

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,  
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपीक्षित  
सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई  
फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही प्रेषण  
किये जायेंगे।

शर्क : शर्कों की अदायगी या तो नकद की जायगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की दानसूचित  
बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा  
की जा सकती है।

## SPECIAL NOTICE

The qualifying examination as prescribed under clause (c) (ii) of sub-section (1) of Section 126 of the Patents Act, 1970 read with Rule 95 of the Patents Rules, 1972 will be held at the Patent Office, Calcutta and its branch offices at Mumbai, Chennai and New Delhi on Monday the 25th September, 2000 and Tuesday, 26th September, 2000.

The schedule of the qualifying examination (written) will be held as follows :

The 25th September, 2000

Paper I : Patents Acts &amp; Rules

(11.00 a.m. to 1.30 p.m.)

Paper II : Drafting and interpretation of Patent Specification and other documents.

(2.30 p.m. to 5.00 p.m.)

The VIVA VOCE Examination will be held on Tuesday, the 26th September, 2000 at 11.00 a.m.

## CORRIGENDUM

In the Gazette of India, Part 3 section 2 dated 29th April, 2000 under heading Complete Specification Accepted in respect of Patent No. 183828.

The names of Inventors shall be :

1. Kank Lata Dikshit.
2. Nitika Thapar.
3. Vinay Venkatrao Vyas.
4. Ritu Mahajan.
5. Jagdean Kaur.
6. Jitesh Pratap.
7. Deenak Nihalini.
8. Girish Sahni.

APPLICATION FOR THE PATENT FILED AT THE  
HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE  
ROAD, CALCUTTA-700 020

THE DATES SHOWN IN THE CRECENT BRACKET  
ARE THE DATED CLAIMED UNDER SECTION 135.  
UNDER PATENT ACT, 1970

22-05-2000

295/Cal/2000. PKU Pulverkautschuk Union GmbH. Rubber powders which contain large amounts of fillers, a process for preparing them and their use. (Convention No. 19924366.2 filed on 27.05.1999 in Germany).

296/Cal/2000. Hewlett-Packard Company. Inner paper guide for media shape control in a printer. (Convention No. 09/400,244 filed on 21-09-1999 in U.S.A.).

23-05-2000

297/Cal/2000. Trutzschler GmbH & Co. Kg. Device at a teasel with a drum, which has a cylindrical lined-up (Trimmed) shell surface and at the least two radial carrying elements. (Convention No. 19925282.3 filed on 02-06-1999 in Germany).

298/Cal/2000. Johnson & Johnson Consumer Companies, Inc. Novel topical formulations. (Convention No. 09/320894 filed on 27-05-1999 in U.S.A.).

24-05-2000

299/Cal/2000. Johnson & Johnson Consumer Companies, Inc. Compositions for stabilizing oxygen-labile species. (Convention No(s). 60/136,442 filed on 28-05-1999 and 09/361425 filed on 27-07-1999 in U.S.A.).

26-05-2000

300/Cal/2000. Johnson & Johnson Consumer Companies, Inc. Novel detergent compositions with enhanced depositing, conditioning and softness capabilities. (Convention No. 09/321074 filed on 27-05-1999 in U.S.A.).

301/Cal/2000. HSM Holographic System München GmbH. An optical authenticity feature. (Convention No. 19926689.1 filed on 11-06-1999 in Germany).

302/Cal/2000. Lockheed Martin Corporation. Autonomous battery equalization circuit. (Convention No. 09/320,689 filed on 27-05-1999 in U.S.A.).

29-05-2000

303/Cal/2000. Torrent Pharmaceuticals Ltd. Novel Benzofuroxan derivatives, and their pharmaceutical compositions. (Divided out of No. 462/Cal/99 antedated to 18-05-1999).

304/Cal/2000. A.K. Technical Laboratory, Inc. Mold clamping apparatus. (Convention No. 11-152888 filed on 31-05-1999 in Japan)

305/Cal/2000. Kuraray Co., Ltd. Method of producing carboxylic acid and alcohol. (Convention No. 169331/1999 filed on 16-06-1999 in Japan).

30-05-2000

306/Cal/2000. Eksuwancharoen Thawee. A novel baby bottle. (Convention No. 990,000011 filed on 01-06-1999 in Thailand).

307/Cal/2000. Murata Manufacturing Co. Ltd. Surface-mount antenna and communication apparatus using the same. (Convention No. 11-177961 filed on 24-06-1999 in Japan).

308/Cal/2000. Mcnell-PPC Inc. Rapidly absorbed liquid compositions. (Convention No. 09/329900 filed on 10-06-1999 in U.S.A.).

31-05-2000

309/Cal/2000. (1) Hyundai Motor Company and (2) Hong Seong Chemical Co. Ltd. Expandable reinforcing sheet material for vehicle outer panel. (Convention No. 99-31309 filed on 30-07-1999 in Republic of Korea).

310/Cal/2000. Ross Operating Valve Company, d/b/a Ross Controls. Double valve with anti-tiedown capability. (Convention No. 09/330,937 filed on 11-06-1999 in U.S.A.).

311/Cal/2000. Molex Incorporated. Electrical connector and method of assembling same. (Convention No. 09/334,289 filed on 16-6-1999 in U.S.A.).

312/Cal/2000. Copeland Corporation. Scroll compressor discharge muffler. (Convention No. 09/343,964 filed on 7-7-1999 in U.S.A.).

313/Cal/2000. Malhotra Shaving Products Ltd. A die casted razor assembly.

APPLICATIONS FOR PATENTS FILED AT THE  
PATENT OFFICE BRANCH WING 'C' (C-4 'A'),  
III FLOOR, RAJAJI BHAVAN, BESANT NAGAR,  
CHENNAI-600 090

3rd April, 2000

250/Mas/2000. Natural Remedies Private Ltd. A novel herbal antiploot composition.

251/Mas/2000. Hoya Healthcare Corporation. Novel pyrazolone compound and ophthalmic plastic lens using the same. (April 7, 1999; Japan).

4th April, 2000

252/Mas/2000. Nagarjuna Holdings Private Limited. Agricultural management system for providing agricultural solutions and enabling commerce.

253/Mas/2000. Ciba Specialty Chemicals Holding Inc. 4-Hydroxyisothiazole compounds.

254/Mas/2000. Ciba Specialty Chemicals Holding Inc. Hydroxydiphenyl ether compounds.

255/Mas/2000. Standard Research and Design Corporation. Center clamp assembly for frame brace rail truck. (April 19, 1999; USSN).

256/Mas/2000. Lucent Technologies Inc. Secondary alarm filtering. (April 7, 1999; Europe).

257/Mas/2000. Ashok Kheny. A computerised system for collecting toll.

5th April, 2000

258/Mas/2000. Sundram Fasteners Limited. An improved conrod and a method of producing the same.

259/Mas/2000. Tetra Laval Holdings & Finance SA. Control unit for checking the integrity of tearing-off closing devices applied to respective openings in strip packaging material for producing aseptic sealed packages of pourable food products. (May 14, 1999; Europe).

260/Mas/2000. Matsushita Electric Industrial Co. Ltd. Communication device and communication method. (May 25, 1999; Japan).

261/Mas/2000. Societe Des Produits Nestle S.A. A whitened coffee concentrate. (April 26, 1999; Europe).

262/Mas/2000. Lucent Technologies Inc. Intelligent burst control functions for wireless communication systems. (April 8, 1999; US).

263/Mas/2000. Lucent Technologies Inc. Burst duration assignment based on fading fluctuation and mobility in wireless communication systems. (April 8, 1999; US).

6th April, 2000

264/Mas/2000. Lucent Technologies Inc. A method of dynamically adjusting the duration of a burst transmission in a wireless communication systems. (April 8, 1999; US).

265/Mas/2000. Lucent Technologies Inc. A method of queue length based burst management in wireless communication systems. (April 8, 1999; US).

266/Mas/2000. Shimano (Singapore) Pte. Ltd. Cable connecting apparatus for a bicycle. (May 27, 1999; US).

267/Mas/2000. YKK Corporation Slide fastener chain, method and apparatus for forming end thereof. (April 22, 1999; Japan).

268/Mas/2000. K. A. Ranghachary. J. J. John Chary-johns' carburettor.

7th April, 2000

269/Mas/2000. Lucent Technologies Inc. Method for premature termination of burst transmission in wireless communication systems. (April 8, 1999; US).

270/Mas/2000. Lucent Technologies Inc. System and method for prevention of reverse jamming due to link imbalance in wireless communication systems. (April 8, 1999; US).

10th April, 2000

271/Mas/2000. Lourdanathan Gnanaprakasham. A lighting facility within a cigarette pack.

272/Mas/2000. Lucent Technologies Inc. Channel Grouping System and method for a wireless communications system. (April 14, 1999; US).

273/Mas/2000. Rosemount Inc. A valve positioner for providing a control pressure to a valve actuator. (Div. to Patent Application No. 594/Mas/94 dt. 05-07-1994).

274/Mas/2000.—Rosemount Inc. A valve positioner for providing a control pressure to an actuator diaphragm. (Div. to Patent Application No. 594/Mas/94 dt. 05-07-1994).

11th April, 2000

275/Mas/2000. S.M.A. Hotels Pvt. Ltd. Electric power saver.

276/Mas/2000. Lucent Technologies Inc. Prepaid billing method for communication systems. (April 15, 1999; US).

277/Mas/2000. Lucent Technologies Inc. Method for converting an existing subscriber to a wireless communications system. (April 15, 1999; US).

12th April, 2000

278/Mas/2000. Siddaiah Sudharshan Naik. Virtual Web Government.

279/Mas/2000. Air Products and Chemicals, Inc. Carbon dioxide adsorbents containing magnesium oxide suitable for use at high temperatures. (August 6, 1999; USA).

280/Mas/2000. Lucent Technologies Inc. Method for improved transmission efficiency between data networks and wireless communication systems. (April 15, 1999; US).

281/Mas/2000. Lucent Technologies Inc. Supporting concentrator in multiple paging channel environment. (April 16, 1999; US).

282/Mas/2000. Lucent Technologies Inc. A method of enhancing security for the transmission of information. (April 19, 1999; US).

17th April, 2000

283/Mas/2000. Dr. Chodon Chatoch Sahadev. A process for preparation of high purity octyl and isoamyl cyanoacrylates.

284/Mas/2000. Lt Col D. K. Narasimha Naik, Mr. Sayeesh Naik & Mrs. Geeta Rao. Room heater.

285/Mas/2000. G. A. Paneer Selvam. A machine for manufacturing peelable ground plane cable and a method of manufacturing the same.

286/Mas/2000 Indian Space Research Organisation. A process for the synthesis of 4, 4'-dihalobenzenophenones.

287/Mas/2000. Newage International Limited. An alternating current machine. (April 16, 1999; UK).

288/Mas/2000. Lucent Technologies Inc. Volume control for an alert generator. (April 19, 1999; US).

289/Mas/2000. Lucent Technologies Inc. Methods and apparatus for downlink diversity in CDMA using walsh codes. (April 19, 1999; US).

18th April 2000

290/Mas/2000. The Director, National Ship Design and Research Centre. Launching and retrieval system for deep draught ships in shallow waters.

291/Mas/2000. Bharatplanet Com. Ltd. A method, system and algorithm for dynamic transliteration from english language to any other language.

292/Mas/2000 Indian Space Research Organisation. A process for the synthesis of polyarylene ether ketone resins.

293/Mas/2000. Lucent Technologies Inc. Pseudo-Random frequency assignment.

294/Mas/2000. Lucent Technologies Inc. System and method for protecting a receiver from jamming interference. (April 22, 1999; US)

295/Mas/2000. Elf Atochem SA. Process for the sulphurization of hydrotreating catalysts. (April 20, 1999; France).

19th April, 2000

296/Mas/2000. P. M. Cleetus. Automatic coconut palm climber.

297/Mas/2000. Thiyagarajan Vijayan. Millennium frame bicycle & bicycle (2000—2009).

298/Mas/2000. Sanket Butusan Kabusikikaisya. Tile cutter. (August 5, 1999; Japan).

299/Mas/2000. SMS Schloemann-Siemag Aktiengesellschaft. Roll support frame without housing. (April 20, 1999; Germany).

300/Mas/2000. Mitsubishi Denki Kabushiki Kaisha. Fuel injection control system for internal combustion engine (October 18, 1999; Japan).

301/Mas/2000. Japan Institute of Leather Research. Method of treating hairs or feathers using micro-organisms. (April 20, 1999; Japan).

20th April, 2000

302/Mas/2000. Mrs. Usha Shyam. A dispensing machine.

303/Mas/2000. F Hoffmann-La Roche Ag. Phosphin oxide vitamin D precursors. (April 22, 1999; US).

304/Mas/2000. Lucent Technologies Inc. Iterative channel estimation and compensation based thereon. (April 23, 1999; US).

305/Mas/2000. Lucent Technologies Inc. A method of channel estimation and compensation based thereon. (April 23, 1999; US).

**APPLICATION FOR PATENT FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110 005.**

03-04-2000

398/Del/2000. Reclaim Technologies and Services Ltd. U.S.A. A system for identification of selectively related Database records. (Convention date 07-04-99), U.S.A.

04-04-2000

399/Del/2000. Halla Climate Control Corp., Korea. Internal oil separator for compressors of refrigeration system. (Convention dates 30-12-99 & 14-03-2000), Korea.

400/Del/2000. U. Satyanarayana, New Delhi, India. A endotracheal and tracheostomy tube.

401/Del/2000. Gurpreet Matta, Karnal (Haryana), India. A pump set for drawing and discharge of water from a tube-well.

402/Del/2000. D. S. Arora, New Delhi, India. A water craft.

403/Del/2000. The Chief Controller, Research and Development, M/o Defence, New Delhi, India. A process for preparing an inhibition formulation for nitramine propellants.

404/Del/2000. International Business Machine Corporation, U.S.A. Method for enabling a program written in untrusted code to interact with a security subsystem of a hosting operating system. (Convention date 27-05-99), U.S.A.).

405/Del/2000. International Business Machine Corporation, U.S.A. Content-indexing search system and method providing search results consistent with content filtering and blocking policies implemented in a blocking engine. (Convention date 30-04-99), U.S.A.

406/Del/2000. International Business Machine Corporation, U.S.A. Block redering method for a graphics subsystem. (Convention date 24-05-99), U.S.A.

05-04-2000

407/Del/2000. Sunder Lal Goel, Ghaziabad (U.P.), India. Front View Mirror.

408/Del/2000. Andrew Marian Homola, U.S.A. Ronald Kaya Dunton, U.S.A. Methods, Compositions and dental delivery systems for the protection of the surfaces of teeth.

6-04-2000

409/Del/2000. Ein Hashofet Electrical Accessories, Israel. A dimmer and dimming lighting system. (Convention date 13-04-99), Israel.

07-04-2000

410/Del/2000. Dabur Research Foundation, Ghaziabad, (U.P.), India. A novel herbal composition for diabetes and the process of manufacturing herbal extracts.

411/Del/2000. Paul Wurth S.A., Luxembourg. Driving roll group for a continuous casting plant for billets and ingots. (Convention date 31-05-99), Luxembourg.

412/Del/2000. Dabur Research Foundation, Ghaziabad, U.P. India. A novel herbal composition for diabetes and the process of manufacturing herbal extracts.

413/Del/2000. The University of Toronto Innovations Foundation, Canada. A method of forming a bitumen composition.

414/Del/2000. M. K. Pandita, New Delhi & Dalmia Centre for Bio-technology, Coimbatore, (Tamil Nadu), India. A herbal preparation capable of use as a dietary supplement.

415/Del/2000. The Chief Controller, Research and Development, M/o-Defence, New Delhi, India. Transmit/receiver module for active phased array antenna.

416/Del/2000. Punjab Tractors Limited, Ropar (Chandigarh), India. An improved oil system for supplying oil to wet brakes of a tractor.

417/Del/2000. The Chief Controller, Research and Development, M/o-Defence, New Delhi, India. An improved metallized nitramine based composite modified double base rocket propellant and a process for preparation thereof.

418/Del/2000. Subterranean Systems Pte. Ltd., Singapore. Improved sheetpiles.

**ALTERATION OF DATE UNDERSECTION-16**

184270 Antedated to 29th August 1995. (1142/Cal/98).

184277 Antedated to 11th January 199. ((150/Cal/95).

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

**स्वीकृत सम्पूर्ण विनिर्देश**

एतद्वारा यह सूचना दी जाती है कि संबंध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की अवधि के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अग्र आवेदन

है, एक महीने की अवधि से अधिक न हो, के भीतर कमी भी निबंधक एकल को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के अंतर्गत यथापेक्षित उक्त सूचना के तिथि से 60 दिन के भीतर फाइल कर दिये जाने चाहिए।

**प्रत्येक विनिर्देश के संबंध में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।**

विनिर्देश तथा चित्र आरक्षण, यदि कोई हो, की अंकिता प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों में यथापेक्षित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकिता प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरक्षण, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथापेक्षित फोटो प्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 53C, 127 I.

184261

Int. Cl.<sup>4</sup> : B 62 M 25/00.

**BICYCLE TOP-PULL FRONT DERAILLEUR MECHANISM.**

Applicant : YI-HSUNG HSU, NO. 21, LANE 61, SEC. 1, KUANGFU ROAD, SANCHUNG CITY, TAIPEI HSIEN, TAIWAN, ROC, A CHINESE CITIZEN.

Inventor : YI-HSUNG HSU.

Application No. 434/Mas/94 filed on 24th May 1994.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

4 Claims

A bicycle top-pull front derailleur mechanism for selectively shifting the bicycle chain between a number of front sprockets comprising :

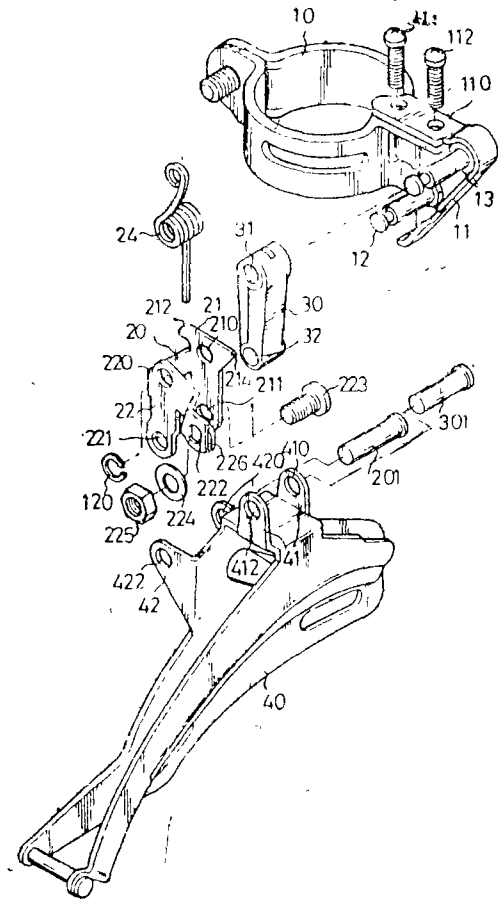
a clamp fixed to a seat tube of a bicycle, said clamp having a projection extending therefrom and a first pin and a second pin laterally extending from the projection;

a bracket pivotally attached to the first pin, said bracket having an extension to which a cable extending downwardly from above the derailleur mechanism is clamped;

an arm pivotally attached to the second pin,

a guide pivotally attached to the bracket and pivotally attached to the arm; and

means for urging said bracket relative to said first pin in a direction against an upward force to be applied by the cable on said extension.



(Compl. Specn. 10 Pages;

Drgns. 2 Sheets)

Ind. Cl. : 72 C

184262

Int. Cl.<sup>4</sup> : F 42 B-3/10.

**A PROCESS OF MANUFACTURING A NON-ELECTRIC INITIATION DEVICE FOR A DETONATOR.**

Applicant : PREMIER EXPLOSIVES LIMITED, 202 & 205 MINERVA COMPLEX, 2ND FLOOR, SAROJINIDEVI ROAD, SECUNDERABAD-500 003, ANDHRA PRADESH INDIA, AN INDIAN COMPANY.

Inventors :

1. AMAR NATH GUPTA
2. Mulpuri NAGENDRA PRASAD
3. NARASIMHADEVARA VENKATA SRINIVASA RAO.

Application No. 455/Mas/94 filed on 30th May 1994.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

7 Claims

A process for the manufacture of a non-electric initiating device for detonators, said process comprising the steps of providing a clean impervious plastic tube that can withstand a temperature of at least 60-degree Celsius, inserting through the tube a clean, dry yarn, preparing a suspension or solution at room temperature of an explosive such as PETN, HMX

or RDX in an organic liquid optionally containing accelerators and adhesives, placing one end of the tube in contact with said suspension or solution of the explosive, applying vacuum on the other end of the tube in order to such the suspension or solution and impregnate the yarn inserted in the plastic tube with the explosive, drying the yarn with the tube at a temperature not exceeding 60 degree Celsius to obtain the non-electric initiating device or the detonator.

(Compl. Specn. 8 Pages;

Drgns. Nil Sheet.)

Ind. Cl. : 206 E.

184263

Int. Cl.<sup>1</sup> : H 04 B 1/38.

#### A CIRCUIT FOR AMPLIFYING AN INPUT SIGNAL.

Applicant : QUALCOMM INCORPORATED, 6455 LUSK BOULEVARD, SAN DIEGO, CALIFORNIA 92121-2779, USA. (A COMPANY INCORPORATED IN THE STATE OF DELAWARE, USA).

Inventors :

1. J. MICHAEL PRICE.
2. CHARLES E. WHEATLEY III
3. KATHERINE W. WHITE.

Application No 458/Mas/94 filed on 31st May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

#### 7 Claims

A circuit for amplifying an input signal having a signal gain in decibels that is a temperature-independent linear function of a power control signal, said circuit comprising : first compensator means for receiving said power control signal and for creating a corresponding first compensation signal responsive thereto according to a first predetermined characteristic; second compensator means for creating a second compensation signal responsive to temperature according to a second predetermined characteristic and amplifier means coupled to said first and said second compensator means for receiving said input signal and said first and second compensation signals, for amplifying said input signal by a signal gain factor corresponding to a combination of said first and second compensation signal and for providing a corresponding output signal, said signal gain factor in decibels being a linear function of said power control signal and independent of temperature over a predetermined range.

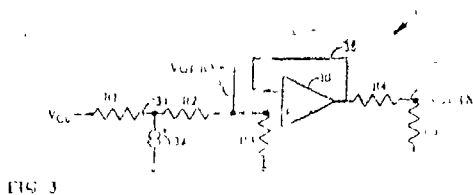


FIG 3

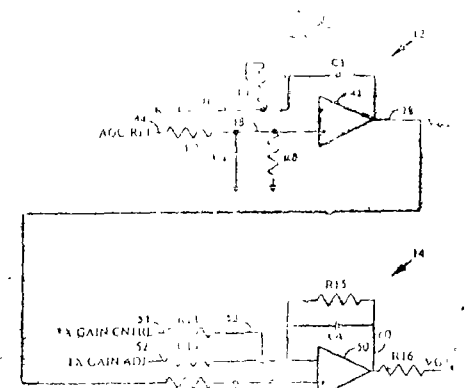


FIG 4

(Compl. Specn. 15 Pages;

Drgs. 5 Sheets.)

Ind. Cl. : 206 E.

184264

Int. Cl.<sup>1</sup> : H 04 Q 7/04.

#### APPARATUS FOR USE IN EQUIPMENT PROVIDING A DIGITAL RADIO LINK BETWEEN BASE STATIONS AND MOBILE UNITS.

Applicant : ROKE MANOR RESEARCH LTD. ROKE MANOR ROMSEY, HAMPSHIRE S051 0ZN UNITED KINGDOM A BRITISH COMPANY.

Inventors :

1. ANTHONY PETER HULBERT.
2. DAVID PETER CHANDLER.

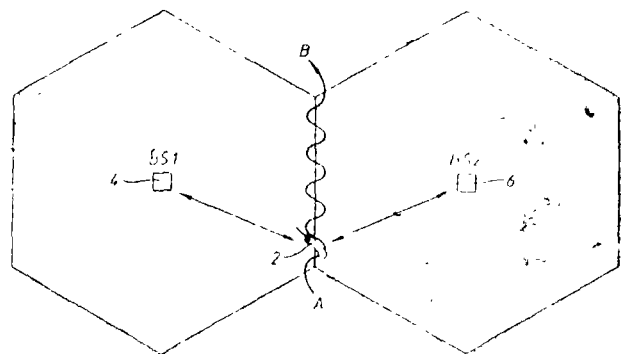
Application No. 472/Mas/94 filed on 02nd June 1994.

(Convention No. 9313078.9 on 25-06-93 in Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

#### 8 Claims

Apparatus for use in equipment providing a digital radio link between base stations and mobile units, said apparatus comprising a receiver having means for affiliating a first base stations of the base stations with a mobile unit, and an interference cancellor arranged to cancel interference caused as a result of the mobile unit being affiliated to the first base station giving non-optimum reception, thereby avoiding the need to instantaneously re-affiliate to a second base station of the base stations providing optimum reception.



(Compl. Specn. 28 Pages

Drgns. 11 Sheets.)

Ind. Cl. : 11 C.

184265

Int. Cl.<sup>1</sup> : A 01 K 11/06.

#### WATER DELIVERY ASSEMBLY PARTICULARLY USEFUL FOR POULTRY.

Applicant : PLASSON MAAGAN MICHAEL INDUSTRIES LTD., KIBBUTZ MAAGAN MICHAEL, 37805 DOAR NA MENASHE, ISRAEL (AN ISRAELI CORPORATE BODY).

Inventor : I. ODED KATZ.

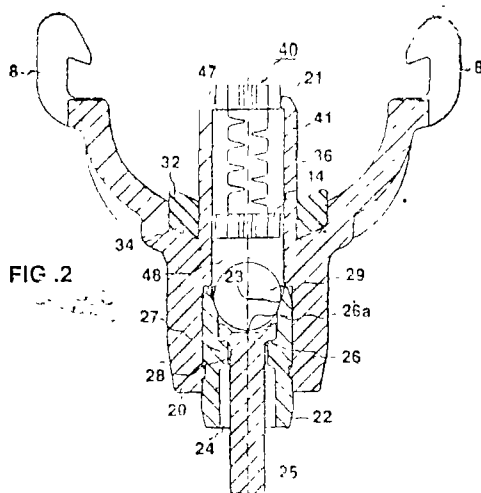
Application No. 475/Mas/94 filed on 3rd June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

#### 11 Claims

A water delivery assembly for attachment to a pressurized water supply pipe particularly useful for supplying drinking water to poultry, comprising a housing having an inlet receivable within the pressurized water supply pipe for inletting water therefrom, an outlet for outletting water from the housing, and a valve opening circumscribed by a valve seat between said inlet & outlet; a valve member normally seated on said valve

seat to block the flow of water via said valve opening to said outlet and a pin extending externally of the housing and engageable by poultry for moving the valve member to produce a flow of water via said valve opening, characterized in that said housing further has an elongated flow passageway between said inlet and said outlet restricting the water flow through said outlet, and thereby permitting the assembly to be used with water supply pipes supplying water at a relatively high pressure.



(Compl. Specn. 13 Pages)

Drgs. 2 Sheets)

Ind. Cl. : 69 I.

184266

Int. Cl.<sup>4</sup> : H 05 B 41/18 41/232,  
H 02 M 5/257. H 02 P 7/06.

## AN ELECTRICAL SWITCHING CIRCUIT.

Applicant : SOUTHPower LIMITED, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF NEW ZEALAND, CNR ARMAGH & MANCHESTER STREETS, CHRISTCHURCH, NEW ZEALAND.

Inventor : 1. DAVID LESLIE LLOYD PEACH.

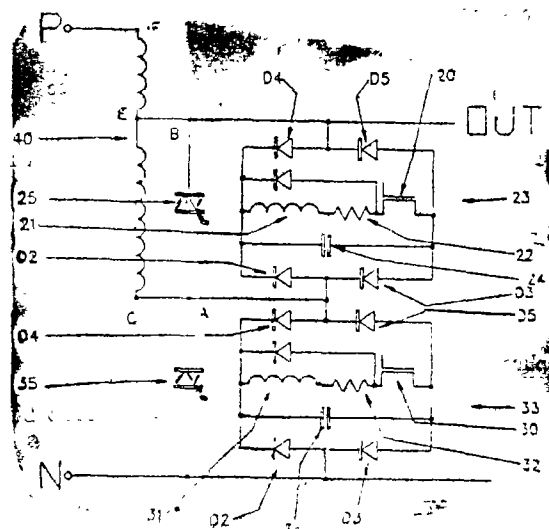
Application No. 506/Mas/94 filed on 14th June 1994.

Convention No 247913 on 17th June 1993 in New Zealand.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

## 7 Claims

An electrical switching circuit for smooth transition of the voltage output of said circuit between a higher and a lower voltage (or vice-versa), characterised in that said circuit comprises at least one variable resistor (13) comprising a first said state switch (10) an inductor (11) and a resistor (12), and at least one second said state switch; one said variable resistor is connected to the conductance side of one said second switch; and said circuit is connected to the voltage output of an auto transformer (40).



(Compl. Specn. 10 Pages)

Drgs. 2 Sheets)

Ind. Cl. : 172 D4

184267

Int. Cl.<sup>4</sup> : D 02 G 1/00.

## YARN HEATING APPARATUS.

Applicant : BARMAG AG; LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY, A GERMAN COMPANY.

Inventor : SIEGFRIED MORHENNE.

Application No. 512/Mas/94 filed on 15th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

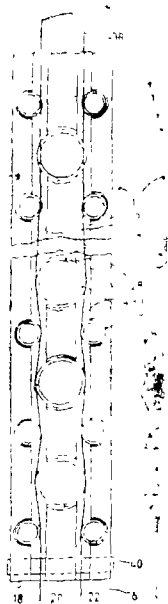
## 16 Claims

A yarn heating apparatus for use in a false twist crimping machine comprising :

an elongate rail defining a heating surface; means for heating the heating surface; a plurality of cylindrical yarn guides mounted in an axially spaced apart arrangement along the rail, with the axes of the cylindrical yarn guides being disposed substantially perpendicular to the heating surface, with axially adjacent yarn guides being positioned on opposite sides of a common central plane which is generally perpendicular to the heating surface, and with the yarn guides being sized and positioned such that the peripheries thereof extend beyond the common central plane and present curved contact surfaces to a yarn advancing along the rail, whereby



a yarn advancing along said rail assumes a zigzagged path in contact with the curved contact surfaces of the yarn guides.



(Compl. Specn. 21 Pages;

Drgns. 4 Sheets).

Ind. Cl. : 125 B 3.

184268

Int. Cl.<sup>4</sup> : B 67 D 3/00.

#### AN AUTOMATIC LIQUID DISPENSING MACHINE.

Applicant : S & S INDUSTRIES & ENTERPRISES LTD., AARTI CHAMBERS, II FLOOR, 189 ANNA SALAI, CHENNAI-600 006 TAMILNADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors :

1. RAMACHANDRAN SWAMINATHAN.
2. BALASUBRAMANIAN RAMANATHAN.

Application No. 550/Mas/94 filed on 24th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

9 Claims

An automatic liquid dispensing machine comprising a platform for receiving an empty receptacle thereon; a load sensor provided for the platform, said load sensor being connected to a microprocessor for sensing and registering the weight of the empty receptacle; at least one container filled with a liquid coupled to a motorised pump connected to the microprocessor; a keyboard and display system provided for the microprocessor, the display system displaying the weight of the empty receptacle and also the weight of the liquid during and after discharge, whereby whenever the value of a predetermined quantity of the liquid to be dispensed is punched on the key board, the microprocessor is actuated to switch on the pump, causing the liquid from the container, to be discharged, through a faucet, into the receptacle, until the microprocessor, which registers the running weight of the liquid discharged as sensed by the load sensor, switches off the pump immediately on the weight of the liquid in the receptacle equalling the weight of the predetermined quantity; and manual override means for manually switching the pump on and off.

(Compl. Specn. 15 Pages;

Drgs. 2 Sheets)

Ind. Cl. : 23 G, H.

184269

Int. Cl.<sup>4</sup> : B 65 D 37/00.

#### A CONTAINER FOR A COMPRESSED BLOCK OF TOBACCO.

Applicant : GALLAHER LIMITED, MEMBERS HILL, BROOKLANDS ROAD, WEYBRIDGE, SURREY KT13 0QU, UNITED KINGDOM, A BRITISH COMPANY.

Inventor : 1. BARRY PHILIP BAKER.

Application No. 575/Mas/94 filed on 29th June 1994.

Convention No. 9314689.2 on 15th July 1993 in Great Britain.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A container, for a compressed block of tobacco, the container comprising rectangular bottom, front, rear and two side walls, of which at least the front, rear and side walls are formed of pliable, non-shape sustaining fabric, the front, rear and side walls each having along its upper edge a strip forming a flap which is arranged to be folded inwards to provide a partial top wall, the flaps providing a tubular guide containing at least one drawstring which is/are exposed at discontinuities in the guide part-way along each of the front and rear walls and at the corners of the partial top wall, whereby the drawstring(s) may be pulled up at least one of the portions exposed in the front and rear wall discontinuities to pull the flaps inwards, and means for readily connecting the portions exposed in the front and rear wall discontinuities to hold the drawstring(s) pulled up to a predetermined extent,

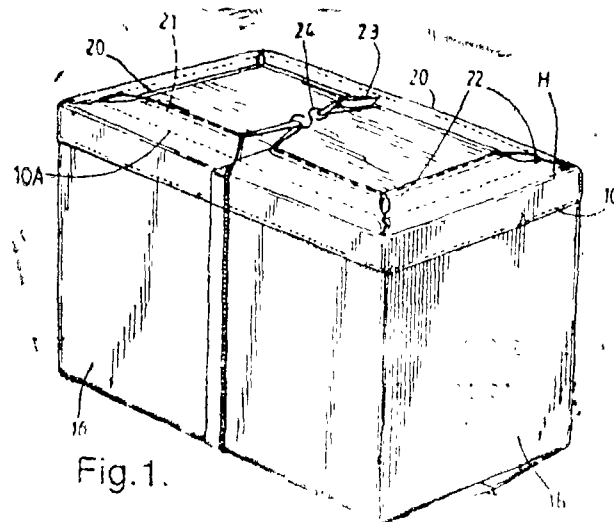


Fig.1.

(Compl. Specn. 12 Pages;

Drgs. 2 Sheets)

Ind. Cl. : 69 D.

184270

Int. Cl.<sup>4</sup> : H 01 H 3/00.

#### ELECTROMAGNETIC RELAY WITH BISTABLE CONTACT.

Applicant : SCHNEIDER ELECTRIC S. A., A FRENCH COMPANY, 40 AVENUE ANDRE MORIZET, F92100 BOULOGNE BILLANCOURT, FRANCE.

Inventors :

1. JOEL FAGNOUL.
2. JEAN-BAPTISTE TALLIER.

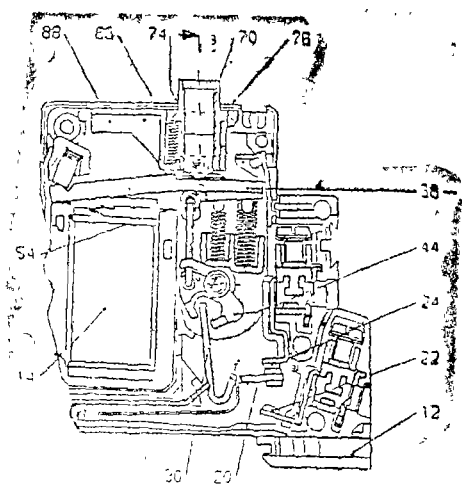
Application No. 780/Mas/94 filed on 17th August 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

### 8 Claims

An electromagnetic relay housed in an insulating case (12) containing :

an electromagnet (14) having a pivoting ferromagnetic blade (38), an operating mechanism (16) with a rocker (44) mounted rockably on a spindle (46) between two extreme angular positions, an operating component comprising a connecting rod (48) articulated on the blade (38) and rocker (44) so as to form a permanent direct connection, for moving the rocker from one position to the other at each operating cycle of the blade (38), the articulation point (50) of the connecting rod (48) on the rocker (44) being offset with respect to the rocking spindle (46), an internal electrical power circuit (18) having a bistable rocking contact (20) driven by the rocker (44) and coming into engagement with at least one stationary contact (22, 24), and a flexible device (56) for returning the blade (38) to the separated position in the rest state of the electromagnet (14).



(Compl. Specn. 14 Pages;

Drgs. 3 Sheets)

Ind. Cl.: 196 (A)

184271

Int. Cl.: F 16 M 1/00

### A CEILING FAN.

Applicant: ORIENT GENERAL INDUSTRIES LIMITED OF 6 GHIRE BIBI LANE, CALCUTTA-700 054.

Inventor: SHYAM SUNDER PERIWAL.

Application No. 728/Cal/94 filed on 9-11-1995.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

### 01 Claim

A ceiling fan comprising an electric motor adapted to be connected to a power service, a plurality of aluminium alloy blades mounted on the output shaft of the electric motor characterised in that,

wherein,

(a) said fan blade, on assembly with the fan has a first shaped surface inclination and a second shaped surface, the inclination of the said second surface having a magnitude higher than the first shaped surface.

(b) the said first surface has an inclination (twist) from 5.75-6.25° with the horizontal plane resulting a depth of 4.62-4.80 mm.

(c) the said second surface has a sharp twist in the range off 18.5-19.5° with an overall twist angle ranging between 8.80-9.12°.

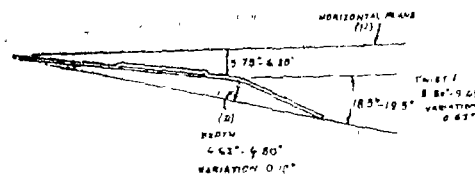


Fig 4

(Compl. Specn. 13 pages.

Drgns. 05 sheets)

Ind. Cl.: 80 F.

184272

Int. Cl.: B 01 D 33/04, 33/74.

### DEVICE FOR SEPARATING LIQUIDS AND SOLIDS FROM A MIXTURE.

Applicant: PANNEVIS B.V. OF ELEKTRONWEG 24, NL-3542 AC UTRECHT, THE NETHERLANDS.

Inventors :

1. PRINSSEN, ALPHONS ARNOLDUS JOHANNES ANTONIUS.

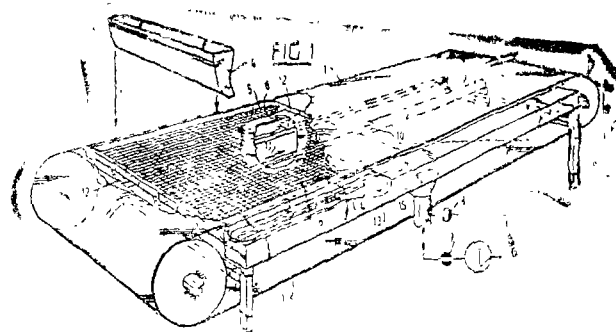
2. THISSEN, KAREL ANTOON.

Application No. 628/Cal/95 filed on 01-06-1995.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Calcutta,

### 03 Claims

Device for separating liquids and solids from a mixture comprising an endless filter belt, means (4) for supplying mixture to the filter belt, at least one suction box (5) supporting the filter belt, located under the filter belt and moving along with the filter belt, which suction box (5) is connected to an underpressure box (13) for generating a lower pressure relative to the ambient pressure and control means (7, 8) for alternatively generating this lower pressure and ambient pressure in the suction box, and discharge means (9) connected to the suction box, characterised in that the suction box is provided with connecting means (14) coating with the underpressure box through a slot-line opening (15).



(Compl. Specn. 05 pages.

Drgns. 02 sheets)

Ind. Cl.: 55 D

184273

Int. Cl.: A 01 N 63/00.

### A PROCESS FOR MANUFACTURING AN ANTIMICROBIAL MATERIAL.

Applicant : SURFACINE DEVELOPMENT COMPANY, LLC OF ONE INDUSTRIAL WAY, TYNGSBORO MASSACHUSETTS 01879, UNITED STATES OF AMERICA AND BIO POLYMERIX, INC. OF C/O BIOCOPACTIBELS, LTD, FRENTHAM HOUSE, FARNHAM BUSINESS PARK, WEYDON LANE, FARNHAM, SURREY, GU98QL, UNITED KINGDOM.

Inventors :

1. SAMUEL PAUL SAWAN
2. TADMOR SHALON
3. SUNDAR SUBRAMANYAM
4. ALEXANDER YURKOVETSKIY.

Application No. 726/Cal/98 filed on 24-04-1998.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A method for manufacturing an antimicrobial material, in powder or liquid form comprising the steps of,

(a) combining an organic polycationic material, such as herein described, or a substantially water insoluble adduct of said polycationic material with a multifunctional cross-linking agent or a monofunctional or difunctional chain extending agent such as described, and a metallic biocide, such as herein described, in a liquid carrier to form a precipitate, solution, dispersion, or suspension of a complex of said polycationic material or its said adduct and said metallic biocide and,

(b) retaining the liquid carrier to obtain the liquid form of the antimicrobial material, or,

(c) evaporating the liquid carrier, to result into a powder or,

(d) casting the solution as a film onto a non adherent substrate such as herein described, drying the film so formed and detaching the film from the substrate and grinding it to form the powder.

Compl. Specn. 44 pages.

Drgns. 03 sheets.

Ind. Cl. : 129 G.

184274

Int. Cl.<sup>4</sup> : C 22 B 5/04, c 22 B 34/30.

ALUMINOTHERMIC REDUCTION PROCESS FOR THE PRODUCTION OF CHROMIUM METAL USING TOP PRIMING.

Applicant : THE TATA IRON & STEEL CO. LTD. OF BOMBAY HOUSE. 24 HOMI MODY STREET, MUMBAI-400023.

Inventors :

1. P. K. SEN
2. DR. O. N. MOHANTY
3. M. K. CHOUDHARY
4. R. SHARMA.

Application No 890/Cal/95 filed on 16-7-1996.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

05 Claims

An alumino-thermic reduction process for the production of chromium metal from chrome oxide green comprising the steps of :

(a) a wighted quantity of chrome oxide (green) is heated in a mild steel tray for 90 to 100 minutes to a temperature around 200°C to 250°C to remove traces of moisture and, to prepare the charge for alumino-thermic reduction; and

(b) aluminium powder is added at this stage and mixed thoroughly while heating is continued for another 10 to 15 minutes and

(c) thereafter, the heating is stopped and the required quantity of energiser, is added to the same tray, and thoroughly mixed with heated chrome oxide and aluminium powder;

(d) the heated mix of chrome oxide, aluminium powder and energiser is then transferred to the reaction vessel for the reduction reaction;

(e) the said reaction vessel is covered with refractory lined lid provided with vents for exhaust;

(f) the whole of reaction mixture is packed to optimum packing density in the preheated reaction vessel; and

(g) traditional bottom priming is radically reduced characterized by a process of top piriming by placing a small amount of ignition mixture in a cavity on the top and igniting with a magnesium wire improving the yield considerably and with consistent quantity.

Compl. Specn. 11 pages

Drgns. 01 sheets.

Ind. Cl. : 83 B<sub>5</sub>, 32F<sub>1</sub>

184275

Int. Cl.<sup>4</sup> : C 07 C-153/01

A 23 K-1/16

METHOD OF MANUFACTURING 2-HYDROXY-4-METHYLTHIO-BUTYRIC ACID.

Applicant : DEGUSSA HULS AKTIENGESELLSCHAFT, WEISSFRAUENSTRASSE 9, D-60311 FRANKFURT AM MAIN, GERMANY.

Inventors :

1. DR. HELMUT SUCHSLAND
2. VOLKER HAFNER.

Application No. 933/Cal/95 filed on 9-8-1995.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

13 Claims

Method of manufacturing 2-hydroxy-4-methylthiobutyric acid (MHA), in which the MHA is isolated from a reaction mixture which is obtained by the addition of hydrogen cyanide (HCN) to methyl-mercaptopropionaldehyde (MMP) and hydrolysis of the methylmercaptopropionaldehyde-cyanohydrin (MMP-CH) with sulphuric acid characterized in that MMP-CH is hydrolysed in the first stage with 60-85% sulphuric acid in molar ratio 1:0.5 to 1:10 at temperatures between 20 and 60°C, the MHA-amide is in the second stage hydrolysed with addition of water and at the very least further sulphuric acid upto the stoichiometric upper limit at temperature of 90—110°C, the reaction mixture is evaporated to obtain an MHS-containing salt residue ranging from possessing low residual water content to substantially free from residual water, the MHA-containing salt residue is then treated with an organic solvent such as herein described to obtain suspension, the solid contents are then separated from the suspensions to obtain a MHA-containing solution, thereafter the organic solvent is removed from the MHA-containing solution to obtain a MHA residue and optionally thereafter the MHA residue is conditioned by the addition of water.

Comp. Specn. 31 pages

Drgns. 4 sheets

Ind. Cl.: 42 D

184276

Int. Cl.: C 07 C 35/12, A 24 B 13/00,  
A 24 F 23/00.PROCESS FOR MAKING A PRODUCT WITH A  
UNIQUE COOLING PERCEPTION.Applicant: V. MANE FILS, S.A. OF 620, ROUTE DE  
GRASSE 06620, LE BAR SUR LOUP, FRANCE.

Inventors:

1. JEAN M MANE
2. JEAN-LOUIS PONGE.

Application No. 1142/Cal/98 filed on 30-6-1998.

(Convention No. 08/520,399 filed on 29-08-1995 and  
08/629,598 filed on 09-04-1996 in U.S.A.).(Divided out of No. 1540/Cal/96 ante-dated to  
29-8-96).Appropriate Office for Opposition Proceeding (Rule 4,  
Patents Rules, 1972), Patent Office, Calcutta.

## 6 Claims

A process for making a product with a unique cooling perception that provides that the user with a pleasing cooling effect without bitterness, said process comprising incorporating into a product base selected from filters, combustible papers and leaf wrappers for smoking tobacco products, chewing tobacco products, snuff tobacco products and chewing gum, 0.001 to 1.0% by weight, based on the total weight of the product, a coolant selected from the group consisting of monomethyl succinate, alkali metal salts of monomethyl succinate, alkaline earth metal salts of monomethyl succinate and mixtures thereof.

Comp. Specn 20 pages.

Drgns. Nil

Ind. Cl.: 104 J

184277

Int. Cl.: C08G 18/72, C08L 77/02.

A NOVEL PROCESS FOR MAKING NEW POLY-  
MERIC PRODUCTS FROM WASTE MATERIALS RE-  
SEMBLING NATURAL WOOD OR TIMBER.Applicant: SANTANU ROY, OF 13, NANDA KUMAR  
CHOWDHURY LANE, CALCUTTA-700 006, WEST BEN-  
GAL, INDIA, AN INDIAN COMPANY.

Inventor: SANTANU ROY.

Application No. 1150/Cal/95 filed on 25-09-1995.

(Divided out of No. 17/Cal/94 ante-dated to 11-1-94)

Appropriate Office for Opposition Proceeding (Rule 4,  
Patents Rules, 1972), Patent Office, Calcutta.

## 21 Claims

A novel process for making new polymeric products from waste materials resembling natural wood or timber, which comprises—

(a) treatment of wet or moisturised industrial, mineral, siliceous, carbonaceous or vegetative waste material(s) such as red or brown mud with an oil of vegetative origin optionally extended with a suitable compound having at least one active hydrogen atom, or with said compound itself;

(b) mixing the treated waste material in step (a) with transesterified or transesterified hydroxy fatty oil or a polyol for a period of around 1 hour, and

(c) reacting the product obtained from step (b) with a compound containing—N—C=O groups, optionally in the presence of one or more catalysts, surfactants, plasticizers, non-CFC or HCFC blowing agents, modifiers, extenders and additives such as herein described to form a polymeric product resembling natural wood or timber.

Comp. Specn. 59 pages

Drgns. Nil

Ind. Cl.: 195 D

184278

Int. Cl.: E 03 D 1/32

AN INTERLOCK MECHANISM FOR A FLUSH  
VALVE OPERATED CISTERN.Applicant: CAROMA INDUSTRIES LIMITED, AN  
AUSTRALIAN COMPANY, ACN 000 189 499, OF 10  
MARKET STREET, BRISBANE, QUEENSLAND, 400  
AUSTRALIA.

Inventors:

- (1) SONNY RENE WRIGHT
- (2) PETER ROSS DUNSTAN
- (3) LUKE DANIEL STREETER.

Application No. 1175/Cal/1995 filed on 28-09-1995.

(Convention No. PM 8494 on 29-9-94 in Australia).

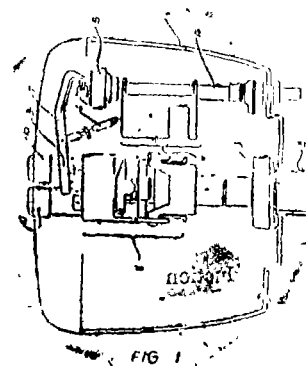
Appropriate Office for Opposition Proceeding (Rule 4,  
Patents Rules, 1972), Patent Office, Calcutta.

## 03 Claims

An interlock mechanism for a flush valve operated cistern (1) having a flush valve (3) in the base thereof which, when opened, drains water stored in said cistern to constitute a flush; an actuator mechanism (11) interconnecting a flush actuator (10) with said flush valve (3) to open the latter on operation of said actuator (10); and an inlet valve (50) having a refill actuator (56, 57) operable in response to the level of water in said cistern to refill same to a pre-determined level, said interlock comprising:

a latch means (43—47) interconnected with said refill actuator (56, 57) and said flush actuator (10) and operable to prevent refilling of said cistern, said latch means being releasable by operation of said flush actuator (10) and being re-settable by initial refilling of said cistern (1) after a flush, said refill actuator (56, 57) having a first float (56) linked to a float arm (57) which is pivotally connected to said inlet valve (50) and which is adjacent said actuator mechanism (11), said latch means (43—47) comprising a pivoted lever (45) extending between said float arm (56) and said actuator mechanism (11) and movable by operation of said actuator mechanism (11) to move an abutment (46) on said pivoted lever (45) out of engagement with a stop member (44) stationary relative to said cistern (1), and biasing means comprising gravity acting on said pivoted lever to return said abutment into engagement with said stop member following operation of said actuator mechanism (11); and

a latch securing mechanism comprising a second float (41) mounted for movement with a pivoted locking lever (42) and pivotable to bear against said pivoted lever (45) with decreasing water levels in said cistern (1) to secure said abutment (46) and stop member (44) in mutual engagement if said water level drops prior to actuation of said actuator mechanism (11).



Comp. Specn. 15 pages

Drgns. 9 sheets

Ind. Cl. : 147 G

184279

Int. Cl. : G 11B- 15/44

PLAYBACK DEVICE FOR PLAYING BACK A BIT STREAM OF A STORAGE MEDIUM.

Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V. A LIMITED LIABILITY COMPANY ORGANIZED AND ESTABLISHED UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS AT GROENEWOUDSEWEG 1, EINDHOVEN, THE NETHERLANDS.

Inventors :

- (1) GERRIT JOHAN KEESMAN
- (2) MARCELLINUS JOSEPH JOHANNES CORNELIS ANNEGARN
- (3) PETRUS JOHANNES VAN OTTERLOO.

Application No. 1488/Cal/95 filed on 21st Nov. 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

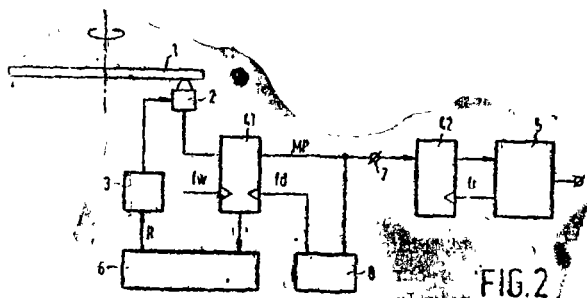
## 5 Claims

A playback device for playing back a bit stream of a storage medium (1), comprising read means (2, 3) for reading the recorded bit stream at a predetermined bitrate ( $F_w$ ), the playback device further comprising :

a buffer (4; 41, 42) for buffering the read bit stream at the predetermined bitrate ( $f_w$ ); characterized by :

means (5; 8) for reading the buffered bit stream at a variable bitrate ( $f_v$ ,  $f_a$ ) determined on the basis of synchronization parameters accommodated in the bit stream; measuring means (6) for measuring the fullness of the buffer and adapted to generate a read signal (R) when a predetermined fullness of the buffer is reached,

the read means (2, 3) being adapted to read a successive part of the bit stream in response to the read signal.



Compl. Specn. 8 pages;

Drgs. 2 sheets

Ind. Cl. : 62 E

184280

Int. Cl. : D 06 F 37/40

WASHING MACHINE EQUIPPED WITH PULSATOR TO PREVENT ENTANGLEMENT OF LAUNDRY.

Applicant : LG ELECTRONICS INC., A KOREAN CORPORATION, OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL, KOREA.

Inventors :

- (1) BYOUNG SUN SUH
- (2) DONG SOO GIL.

Application No. 1563/Cal/95 filed on 04th December, 1995.

(Convention Nos. 5955/1995 on 21-3-95 in Korea.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

## 5 Claims

A washing machine equipped with a pulsator to prevent entanglement of laundry, comprising :

an upper blade (55) having an upwardly extending ejection hole (58), said upwardly extending ejection hole (58) being formed at a central portion of said upper blade;

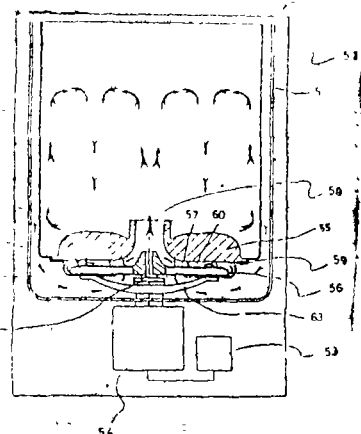
a lower blade (56) disposed below the upper blade (55);

a pulsator disposed between the upper blade (55) and said lower blade (56) for transferring a driving force from the lower blade to the upper blade and having a plurality of spaced-apart support bushings for forming a washing water flow path (60) between the upper blade and the lower blade;

an inner tub (52) having a washing water guide section (59) formed at a periphery of the lower blade (56) and the support bushings (57); and

pumping means disposed at a predetermined portion of the inner tub (52) for pumping washing water to the ejecting hole.

FIG. 2



Compl. Specn. 13 pages;

Drgs. 0 sheets

## AMENDMENT PROCEEDING U/S 57

The amendments proposed by GLITSCH Inc. in respect of patent Application No. 181743 (405/Cal/94) as advertised in part-III, Section 2, of the Gazette of India on 4-12-99 and no opposition being filed within the stipulated period, the said amendments have been allowed.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of patent No. 177346 dt. the 12-12-1991 made by M. LARRY EDWARDS & W. JOE WATSON on the 11-11-1999 and notified in the Gazette of India Part III, Section 2, dt. 04-03-2000 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 178787 dt. 16-02-1993 made by MONTELL NORTH AMERICA, INC on the 27-08-1999 and notified in the Gazette of India Part III, Section 2, dt. 04-03-2000 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 179352 dt. the 21-01-1993 made by MONTELL NORTH AMERICA, INC on the 27-08-1999 and notified in the Gazette of India Part III, Section 2, dt. 04-03-2000 has been allowed and the said patent restored.

## OPPOSITION PROCEEDING

The opposition as entered by M/s. Infinitum Management Services Pvt. Ltd., New Delhi to the grant of a Patent on application No. 182943 (190/Bom/95) made by M/s. Prabha Engineering Pvt. Ltd., Mumbai as notified in the Gazette of India, Part-III, Section 2 has been allowed and it is ordered that the application for Patent No. 182943 shall be treated as relinquished.

An opposition has been entered by Mr. Amit Agarwal, Bangalore-561229 to the grant of a Patent Application No. 183486 (420/Bom/97) made by M/s. Synit Drugs Private Ltd., Mumbai-400018.

An opposition has been entered by Mr. Amit Agarwal, Bangalore-561229 to the grant of a Patent Application No. 183487 (423/Bom/97) made by M/s. Synit Drugs Private Ltd., Mumbai-400018.

## RENEWAL FEES PAID

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182577 182578 182692 174432 179573 169346 170988 171382  
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181361 174749 181962 169999 171268 173772 172186 181206  
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## CESSATION OF PATENTS

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PATENT SEALED ON 23-06-2000

183246 183391\* 183392 183393 183394 183395\* 183396\*  
183397 183399

CAL—09, DEL—NIL, MUM—NIL, CHEN—NIL

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 181002, Senith Finvest Private Limited, an Indian company of 4th Floor, Trust House, 32A, Chittaranjan Avenue, Calcutta-700012, W.B., India. "CAP OPENER", 9th December 1999.

Class 1. Nos. 181064 & 181065, Superfreeze India Ltd., an Indian company of WZ-92A, Raja Garden, Ring Road, New Delhi-110015, India. "SHUTOFF VALVE", 13th December 1999.

Class 1. No. 181098, Pravinbhai Jagjivandas Mehta, Indian, at Room No. 4, Pratap House, Bull's Roy Colony, Vakola Bridge, Santacruz (E), Mumbai-400055, Maharashtra, India. "VAPOUR BOX", 17th December 1999.

Class 1. No. 181099, Pravinbhai Jagjivandas Mehta, at Room No. 4, Pratap House, Bull's Roy Colony, Vakola Bridge, Santacruz (E), Mumbai-400055, Maharashtra, India. "FILLER VALVE ADAPTOR", 17th December 1999.

Class 1. No. 181105, Nilesh Chandrakant Shah, Indian, at 6, Panchavati Society, New Junction Road, Surendranagar 363001, Gujarat India. "TOROIDAL TANK FOR USE IN AUTO MOBILE VEHICLE", 17th December 1999.

Class 3. No. 181003, Zenith Finvest Pvt. Ltd., An Indian company of 4th Floor, Trust House, 32A Chittaranjan Avenue, Calcutta-700012, W.B., India. "OPENER CUM LIGHTER", 9th December 1999.

Class 3. 181068, "SUNIL CHARLA, An Indian National, 4, Malkaganj, Delhi-110007, India. "PEN", 13th December, 1999.

Class 3. No. 181090, Prakash Plastics (Pvt.) Ltd., 56-B, Rama Rd. New Delhi 15, (a company incorporated under the Companies Act, 1956) India. "CONTAINER", 16th December 1999.

- Class 3. No. 181197, V.I.P. Industries Ltd., An Indian Company, at DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025, Maharashtra, India, "SUITCASE", 30 December 1999.
- Class 3. No. 180926, V.I.P. Industries Ltd., An Indian Company, at DGP House, 88-C, Old Prabhadevi Road, Mumbai-400025, Maharashtra, India, "SUITCASE", 2nd December 1999.
- Class 3. No. 181199, Mundhra Polycorn (P) Ltd., of 222, Nirman Industrial Estate, Chincholi Link Road, Malad (W), Mumbai-400064, Maharashtra, India, "COMB", 30th December 1999.
- Class 3. No. 181206, Merz & Krel GMBH & Company, of Bahnhofstrasse 76, 64401 Gross-Bieberau, Germany, a German Co., "BALL PEN", 31st December 1999.
- Class 3. Nos. 181265 & 181269 to 181272, M/s. Vishesh Enterprises, An Indian proprietary firm, A/204, Claridge, Samarth Nagar, Cross Road No. 3, Lokhandwala Complex, Andheri (W), Mumbai-400053, India, Maharashtra, "TOOTH BRUSH", 10th January 2000.
- Class 3. Nos. 181400 & 181401, Govind Rubber Ltd., an Indian Company, at 318, Creative Industrial Estate, N.M. Joshi Marg, Mumbai-400011, Maharashtra, India, "CYCLE TYRE", 24th January, 2000.
- Class 3. No. 180632, M/s. Clear Plastics Pvt. Ltd., No. 709/3/1/1, Vadfalia, Bhilad Naroli Road, Naroli-396235, UT. of D & N.H., "BOTTLE CAP", 25th October 1999.
- Class 3. Nos. 180723 to 180725, Eveready Battery Company, Inc., of Checkerboard Square, St. Louis, Missouri 63164, U.S.A., An American company, "A FLASHLIGHT", 3rd May 1999.
- Class 3. No. 180788, Intermediate Technology Consultants Ltd., Of The Schumacher Centre for Technology and Development, Bourton Hall, Bourton on Dunsmore, Rugby, Warwickshire, CV 23 9QZ, U.K., "SOLAR LANTERN", 13th May 1999.
- Class 3. No. 180812, M/s. Power Plug Corporation, No. 104, Nelson Manickam Road, Aminjikarai, Chennai-600029, Tamilnadu, India, "SOCKET, PLUGS & OTHER ENCLOSURE", 17th November 1999.
- Class 3. No. 180858, British Airways Plc., A British company, PO Box 365, Harmondsworth, West Drayton DB7 OGB, U.K., "SEATING UNIT", 24th May 1999.
- Class 3. No. 180984, Hindustan Lever Ltd., 165/166 Backbay Reclamation, Bombay-400020, Maharashtra, India, "TOOTHBRUSH", 6th July 1999.

N. R. SETHI

Dy. Controller of Patents &amp; Designs

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मूद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000

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